riease Type a pius sign (1) inside uni		Attorney Docke	t Numb	er E	3P1520					
DECLARATION FOR DESIGN		First Named Inve	entor	ı	Mark Bei	ma	an			
PATENT APPL (37 CFR 1	COMPLETE IF KNOWN									
, –	Declaration	Application Number								
Declaration Submitted OR with Initial	Submitted after initial Filing (surcharge	Filing Date	,	August 13, 2001						
Filing	(37 CFR 1.16(e)) required)	Group Art Unit								
		Examiner Nam	е							
As a below named inventor, I here	by declare that:									
My residence, post office address, a		pelow next to my name	e.							
I believe I am the original, first, and s listed below) of the subject matter wh	sole inventor (if only one nam nich is claimed and for which	ne is listed below) or a a patent is sought on	n original, the inven	first, ar tion ent	nd joint inve itled:	ento	r (if pl	ıral	names ar	
E	NERGY DETECT \	WITH AUTO P	AIR SE	LEC	Т					
is attached hereto OR I hereby state that I have reviewed a any amendment specifically referred I acknowledge the duty to disclose in I hereby claim foreign priority benefit	formation, which is material	to patentability as de	fined in 37	CFR 1	.56.	or ir	vento	r's (	ertificate,	
3659a) of any PCT international app have also identified below, by check application having a filing date befor	lication which designated at ing the box, any foreign appl	least one country other least on for patent or in	er than the iventor's c	onited	States of	MIIIt	riica, i	1216	a nelow al	
Prior Foreign Application Number(s)		reign Filing Date (MM/DD/YYYY)	Priority Not Claimed		1				Attached? NO	
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Additional foreign application n	wimbers are listed on a supp	Jemental priority data	sheet PT(	)/SR/02	B attached	L l bei	reto:	<u> </u>	!	
I hereby claim the benefit under 35	U.S.C. 119(e) of any United	States provisional ap	plication(s	) listed	below.					
Application Number(s)	Filing Da	ate (MM/DD/YYYY)								
60/224,846	Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto									
	DECLARATION - Uti	lity or Design Patent	Applicati	on	f and DO	T :-	to	lor-	l applied	
I hereby claim the benefit under designating the United States of A disclosed in the prior United State acknowledge the duty to disclose in the filing date of the prior application	merica, listed below and, in s or PCT International app nformation which is material	nsofar as the subject lication in the manne to patentability as de	matter of r provided fined in 37	each o I by the ' CFR 1	t the claim e first para	s of grap	this a	appi 35 l	J.S.C. 11	

Please Type a plus sign (+) inside this box

U.S. Parent Application or PCT Parent Number			F	Parent Filing Date (MM/DD/YYYY)			Parent Patent Number (if applicable)							
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Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto														
Direct all correspondence to: Customer Number or Bar Code Label							OR Correspondence address below							
Name Garlick, Harrison, & Markison, L.L.P.														
Address														
Address P.O. Box 160727														
City	Austin	100721			· · · · · · · · · · · · · · · · · · ·	Stat	e	TX		Zip	78	3716-0727		
Country	US											12) 264-3735		
		statements	made he	rein of n	ny own kn							,		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are														
punishable t	ov fine or im	orisonment	or both.	under 1	8 U.S.C. 1	1001 ai	nd that s	uch willfi	ul false statements	may jeopar	dize	the validity of the		
punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.														
Name of Sole or First Inventor:  A petition has been filed for this unsigned inventor														
	Given Name (first and middle [if any]) Family Name or Surname													
Mark Berman														
Inventor's Signature Date														
l mitolikoi o c		Ma	ik	Be	ma	_				8-7-0	1			
Residence: City Newport Coast State			State	CA	CA Country US			Citizenship US						
	Post Office Address 14 Morning View Drive													
Post Office Address														
City		Newport	Coast	State	CA	Zi	р	92657	2657			US		
Name of Second Inventor:  A petition has been filed for this unsigned inventor							gned inventor							
Given Name (first and middle [if any]) Family Name or Surname														
Richard Glen Thousand														
Inventor's Signature		$\sqrt{}$			Bare 8701									
Residence:	City	Irvine State			CA	Country US			Citizenship   US					
Post Office	Post Office Address 46 Ohio													
Post Office	Address								\					
City		Irvine		State	CA	Zi	<u>р</u>	92606		Country		US		

4. L. C. 10. C.

## POWER OF ATTORNEY FROM ASSIGNEE

Broadcom Corporation, a California corporation having a prir	ncipal place of business at
16215 Alton Parkway, Irvine, California 92618-7013, is assignee	of the entire right, title and
interest for the United States of America (as defined in 35 U.S.	.C. § 100), by reason of an
Assignment to the Assignee executed on of a	an invention known as
ENERGY DETECT WITH AUTO PAIR SELECT (Attorn	ey Docket No. BP 1520),
which is disclosed and claimed in a patent application of the sa	ame title by the inventor(s)
Gary S. Huff (said application filed on August 10, 2001 at the	U.S. Patent and Trademark
Office, having Application Number).	

The Assignee hereby appoints the U.S. attorneys associated with Garlick, Harrison & Markison, L.L.P. to prosecute this application and any continuation, divisional, continuation-in-part, or reissue application thereof, and to transact all business in the U.S. Patent and Trademark Office connected therewith, such attorneys currently being:

Bruce E. Garlick, Reg. No. 36,520 James A. Harrison, Reg. No. 40,401 Timothy W. Markison, Reg. No. 33,534 Shayne X. Short, Ph.D., Reg. No. 45,105

The Assignee hereby grants said attorneys the power to insert on this Power of Attorney any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office.

Send correspondence to:

Garlick, Harrison, & Markison, L.L.P. P.O. Box 160727 Austin, Texas 78716-0727.

Direct phone calls to Shayne X. Short, Ph.D. at (512) 825-1145.

SIGNATURE:

BY: William J Ruehle

TITLE: Vice President Chief Financial Officer

DATE: 8-8-01